

NGDA Theme Community Meeting

October 1, 2019

1:00 – 2:30 PM ET

Webinar:

<https://global.gotomeeting.com/join/455402725>

Dial-In:

703.648.4848 / Toll Free: 855.547.8255

Code: 79000#



Agenda

- ❖ Roll Call – Theme Representatives
- ❖ Theme Report Status
- ❖ A—16 Update
- ❖ Federal Data Strategy Update
- ❖ Understanding and Improving Metadata Publishing Workflows
 - ❖ Data.gov, GeoPlatform.gov, and NGDA Portfolio Metadata Test
- ❖ NGDA Inventory & POC Updates
- ❖ Action Item Review
- ❖ 2019 Meeting Schedule
- ❖ Open Discussion

Roll Call

Theme	Name	Agency
Address	Lynda Liptrap	Census Bureau
Address	Steve Lewis	DOT
Biodiversity and Ecosystems	Marcia McNiff	USGS
Cadastral	Dominica VanKoten	BLM
Climate and Weather	Kari Sheets	NOAA
Cultural Resources	Deidre McCarthy	NPS
Elevation	Ashley Chappell	NOAA
Elevation	Diane Eldridge	USGS
Geodetic Control	Daniel Roman	NOAA
Geology	Paul Godfriaux	BOEM
Geology	Dave Soller	USGS

Theme	Name	Agency
Governmental Units	Dierdre Bevington-Attardi	Census Bureau
Imagery	Greg Snyder	USGS
Imagery	John Mootz	USDA
Land Use - Land Cover	Greg Reams	USFS
Land Use - Land Cover	Brad Reed	USGS
Real Property	Valerie Butler	GSA
Soils	Drew Kinney	USDA
Transportation	Derald Dudley	DOT
Utilities - Offshore	Jeff Harris	BSEE
Utilities - Terrestrial	TBD	
Water - Inland	Megan Lang	FWS
Water - Inland	Becci Anderson	USGS
Water - Oceans and Coasts	Patrick Keown	NOAA

2017-2019 Theme Reports Status

As of 9/30/2019

Theme	Strategic Plan (Status and Dates)	FY17 Implementation Plan Due Oct '17	FY18 Implementation Plan Due Oct '18	FY19 Implementation Plan Due Oct '19
Address ⁺	In Progress	See FY18 note	Not Submitted (TSP in progress) ⁺	
Biodiversity and Ecosystems	Posted (2016-2021)	Not Submitted	In Progress (per meeting with TL Marcia McNiff on 4/10/19)	
Cadastral*	Posted (2017-2021)	Posted	Posted	
Climate and Weather	Posted (2015-N/A**)	See FY18 TIP	Posted	
Cultural Resources	Posted (2015-N/A**)	Posted	Posted	
Elevation*	Posted (2016-N/A**)	Posted	Posted	
Geodetic Control*	Posted (2017-2021)	Posted	Posted	
Geology	Posted (2017-2022)	Posted	Posted	
Governmental Units*	Posted (2017-2021)	Posted	Posted	
Imagery*	Posted (2017-2020)	Posted	Posted	Posted

+ New Theme; development in progress.

** Framework Themes*

*** N/A – Not Available; Needs End Date*

**Contact Lorna Schmid for help
completing reports:
NGDATeam@fgdc.gov**

2017-2019 Theme Reports Status (con't.)

As of 9/30/2019

Theme	Strategic Plan (Status and Dates)	FY17 Implementation Plan Due Oct '17	FY18 Implementation Plan Due Oct '18	FY19 Implementation Plan Due Oct '19
Land Use Land Cover	Posted (2017-2022)	Posted	Submitted; being finalized pending final discussion and edit	
Real Property	Posted (2018-2022)	Posted	Not Submitted (Discuss with new TL Valerie Butler)	
Soils	Posted (2016-N/A)	Not Submitted	Not Submitted (follow up email sent to Drew Kinney on 9/30)	
Transportation*	Posted (2016-2019)	Posted	Posted	
Utilities	Posted (2016-N/A; BSEE SP ends 2019)	Not Submitted	Not Submitted (follow up email sent to Jeff Harris on 9/30)	
Water Inland*	Posted (2016-N/A; refs. 5 years in TSP)	Posted	Posted	
Water Oceans and Coasts*	Posted (2017-2021)	Posted	Posted	

+ New Theme; development in progress.

* Framework Themes

** N/A – Not Available; Needs End Date

**Contact Lorna Schmid for help
completing reports:
NGDATeam@fgdc.gov**

New: FY19 Theme Plans – Due October 31

- ❖ *FY 18 are now past due – contact NGDATeam@FGDC.gov*
- ❖ **Action: Review/Update Theme Strategic Plan**
 - ❖ Review/update as needed: Goals, Objectives, and Actions
- ❖ **Action: Update Theme Implementation Plans to FY19**
 - ❖ Strategic and Implementation Plans located on each Theme Community
 - ❖ TIP Template: https://communities.geoplatform.gov/ngda-portfolio/wp-content/uploads/NGDA_Templates/Theme-Implementation-Plan-Template_updated_20190613.docx
 - ❖ Align as needed: Goals, Objectives, and Actions with Theme Strategic Plan
 - ❖ Update Progress table from FY18 to FY19
 - ❖ Email the NGDA Team (ngdateam@fgdc.gov) if you need Word version of completed FY18 plan or check the NGDA NCC.

Submittal Due Date: October 31, 2019

Federal Data Initiatives



Federal Data Strategy Action Plan – Proposed Revisions

FGDC Revision to Federal Data Strategy (FDS) Action:

- Integrate Geospatial Practices into the Federal Data Enterprise
 - NSDI Strategic Plan
 - Spatially Enable the Federal Data Enterprise - process
 - Increase Access to Spatial Data Services
 - Improve Geospatial Standards
 - Comments were due by June 17 – email sent

Additional Action Recommendation to OMB for FDS Action Plan consideration:

- GSA to Establish and Manage an Authoritative List of Unique Agency IDs and Supporting API

GDA Roadmap Highlights

SUMMARY TIMELINE (6-10-19)

TASK	STATUS	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1. Update FDS Action Plan	In progress									
2. Stakeholder Engagement	In progress									
3. GDA Budget Initiative	In progress									
4. Resolve WG Issues	In progress									
5. GDA Comm. Strategy	In progress									
6. Inputs for OMB Guidance	In progress									
7. OMB Guidance (A-16)	In progress									
8. Update GDA Roadmap	Not started									

A-16 Revision Process - FGDC

- ❖ FGDC provided recommendations for A-16 Revision to OMB on July 12, 2019
 - ❖ Drafted by OMB, DHS, VA, DOI, DOC, FGDC OS with input from NGAC
- ❖ OMB determined that only a federal agency review will be performed on the draft circular
 - ❖ Once OMB releases the draft there will be a brief, likely two-week, review period
- ❖ FGDC OS plans to notify FGDC members as soon as the draft is released
- ❖ Once the circular is released FGDC will move quickly to establish leadership and support teams for required implementation actions

Status of Metadata Initiatives – Foundational Documents

Initiative to Establish Foundational Documents & Status

- ❖ Metadata Standards:
 - ❖ FGDC ISO 19115-1 Metadata Crosswalk
 - ❖ FGDC GeoPlatform ISO 19115-1 Profile
- ❖ Metadata Workflow:
 - ❖ Metadata Publication Workflow

Status

- ❖ Metadata Working Group reviewed and commented on documents.
 - ❖ Comment Trackers were developed.
 - ❖ GDA activities became a priority and following release of updated Circular A-16 there will be a focus on GDA implementation activities
 - ❖ *Metadata Publishing Workflow Update: Next Slide*

Understanding and Improving Metadata Publishing Workflows



Understanding and Improving Metadata Publishing Workflows

- ❖ Data.gov, GeoPlatform.gov, GSA, the NGDA Portfolio Team, and the GeoPlatform Managing Partner have agreed to test a representative sampling of geospatial metadata records being delivered by agencies to:
 - ❖ Improve the publishing workflows of federal geospatial metadata
 - ❖ Build a complete understanding of metadata transformations and available formats
 - ❖ Identify failing processes

Understanding and Improving Metadata Publishing Workflows

1) Analyzing Metadata Publishing Lifecycle Workflow Through Government Systems: Data.gov & GeoPlatform

- a) Identify the types of geospatial metadata records being delivered by federal agencies
- b) Identify a representative sample of NGDA metadata records, covering all types, for testing
- c) Work with Theme Leads and Dataset Managers to obtain & prepare source metadata records for the representative NGDA datasets the for testing.
 - i) Prior to the start of the test for CSDGM records, the current lossy CSDGM transform to ISO 19139 is being updated to reduce loss as much as possible. Once completed it will be tested, approved, and incorporated into Data.gov prior to testing (see Number 2 below).
- d) Conduct the test and analysis according to documented validation and testing procedures.
- e) Document and share test results with FGDC Agencies.
- f) Coordinate across FGDC Agencies, Data.gov, and the GeoPlatform Technical Team to plan for, and track, mitigation of identified issues.

Understanding and Improving Metadata Publishing Workflows

2) Improving transformation of CSDGM to ISO 19139 generated by data.gov and ingested by the GeoPlatform:

- a) Fix Lossy Transform: CSDGM records ingested by Data.gov undergo a transform to ISO 19139 in order to support and maintain a Catalog Service for the Web. These transformed records are then ingested by the GeoPlatform. The current transform used by data.gov results in loss of metadata content.
 - i) The FGDC GeoPlatform Technical Team will code an interim fix for the CSDGM metadata transform currently used by data.gov to prevent loss.
 - (1) The transform results will be made available to NGDA Theme Leads and Dataset Managers for quick review prior to implementation in Data.gov.

Understanding and Improving Metadata Publishing Workflows

3) Documenting and understanding the “Desktop through Delivery” publishing and lifecycle of geospatial metadata records

- A questionnaire has been developed to document processes supporting the generation, management and delivery of geospatial records (attached).

Understanding and Improving Metadata Publishing Workflows

- ❖ Data.gov, GeoPlatform and Portfolio teams are:
 - ❖ Finalizing metadata validation and testing procedures
 - ❖ Developing communication details for test candidate dataset managers
- ❖ We will get feedback from NGDA Theme Lead Community
- ❖ Results of the testing will be:
 - ❖ Documented and analyzed to build a complete understanding of what transformations are occurring and the needs of these systems, along with any failing processes.
 - ❖ Tracked (environment is being established) allow us to establish consistent reporting tools for compliance with the Geospatial Data Act, the Evidence Based Policymaking Act and other federal requirements moving forward
 - ❖ Shared with the FGDC NGDA Community

NGDA Inventory & POC Updates

❖ Theme Executive Champion Change

NGDA Theme	New Theme Executive Champion	Previous Exec. Champion

❖ Theme Lead Change

NGDA Theme	New Theme Lead	Previous Theme Lead

❖ Dataset Manager Changes

NGDA Dataset Name	Theme	New Dataset Manager	Previous Dataset Manager

Action Item Review - Past Due and Current

In Progress Actions	Responsible Party(ies)	Description	Action or Result
FY19 Theme Implementation Plans	Theme Leads	Update Theme Implementation Plans (TIP) with activities and actions undertaken in FY19 ** Due October 31, 2019 **	Action: Update Theme Implementation Plans for FY19. Email the NGDATeam@fgdc.gov if you need assistance or a Word version of the final FY18 TIP.
GeoPlatform Theme feature maps	Theme Leads	Any Themes that would like to make suggestions for featured maps on their GeoPlatform Theme pages, please reach out to the GeoPlatform Technical Team.	Action: Theme Leads provide input to the GeoPlatform Technical Team for Theme page feature maps. Email the GeoPlatform Service Desk servicedesk@geoplatform.gov with any recommendations, requests, or to obtain more information (<i>Note: the NGDA Team is copied on those emails</i>).
FY17 Theme Implementation Plan (TIP) Submission	Theme Leads	Theme Leads to submit FY17 Theme Implementation Plans by 10/31/17 including 2017 Progress Summary Table. Themes that have not submitted an FY17 TIP (Biodiversity and Ecosystems, Soils, and Utilities), please contact Lorna.	Past Due: Themes that still need to submit an initial FY17 Theme Implementation, please coordinate with Lorna Schmid (ngdateam@fgdc.gov) with questions or estimated submission date.

Action Item Review - Past Due and Current

FY18 Theme Strategic and Implementation Plan Updates	Theme Leads	Theme Leads review and update Theme Strategic and Implementation Plans by 10/31/18 including the Progress Summary Table	<p>Actions:</p> <ul style="list-style-type: none">• Lorna Schmid follow on the development of the Address Theme Strategic and Implementation Plans; Lynda to provide an advance draft of the Address Theme Strategic Plan when available.<ul style="list-style-type: none">• Review of Strategic Plan by Address Subcommittee is underway. Data, metadata and data access options underway• Lorna Schmid follow up with Valerie Butler to discuss the Real Property TIP <p>Past Due:</p> <ul style="list-style-type: none">• All Themes that have not yet submitted FY18 Theme Implementation Plan updates, please review the Theme's FY17 TIP and provide any updates needed for activities or other items. Note that Theme Strategic Plans (TSP) may be updated if needed as well, but only if the previous TSP is not still valid or Agency Strategic Plans require TSP changes. Reach out to the NGDA team for assistance as needed (ngdateam@fgdc.gov).
---	-------------	---	--

Action Item Review - Past Due and Current

GeoPlatform R16 Theme feature maps	Theme Leads	Any Themes that would like to make suggestions for featured maps on the new R16 GeoPlatform Theme pages, please reach out to the Technical Team.	Action: Theme Leads provide input to the GeoPlatform Technical Team for Theme feature maps on the new GeoPlatform release. Email the servicedesk@geoplatform.gov with any recommendations, requests, or to obtain more information (note that the NGDA Team is copied on those emails).
FY17 Theme Implementation Plan (TIP) Submission	Theme Leads	Theme Leads to submit FY17 Theme Implementation Plans by 10/31/17 including 2017 Progress Summary Table.	Past Due: Themes that still need to submit an initial FY17 Theme Implementation Plan (Biodiversity and Ecosystems, Soils, and Utilities), please coordinate with Lorna Schmid (ngdateam@fgdc.gov) with questions or estimated submission date.

Action Item Review - Past Due and Current

NGDA Metadata Improvement Initiative	Theme Leads, Dataset Managers, NGDA Team	<p>Dataset Managers and Theme Leads to review links to respective NGDA metadata records for accuracy: https://communities.geoplatform.gov/ngda-portfolio/ngda-portfolio/ *</p> <p>Dataset Managers to review GeoPlatform Data Themes https://www.geoplatform.gov/ngda/ and suggest content that can supplement existing content.</p> <ul style="list-style-type: none">- Recognizing that Agencies have different mechanisms for publishing web services, if there are any issues associated with getting web services into the metadata record, please reach out to the ngdateam@fgdc.gov.	<p>Ongoing: Emails were sent in September to Dataset Managers and Theme Leads with specific findings of the Web Services and Metadata Project; DSM are reviewing metadata records for <u>Titles, keywords, web services, data download and metadata formatting per the findings.</u></p> <p>Improving metadata will aid in auto- update of content for GeoPlatform Data Theme Resources.</p>
---	--	---	---

2019 Theme Community Meeting Schedule

❖ Meeting Schedule, Agenda, Slides, and Notes:

<https://communities.geoplatform.gov/ngda-portfolio/meetings/>

Date	Time (Eastern)
Jan 3 (Thursday)*	1:00 - 3:00 ET (Canceled)
Feb 12 (Tuesday) *	1:00 - 2:30 ET
Mar 21 (Thursday)	1:00 - 2:30 ET
Apr 9 (Tuesday)	1:00 - 2:30 ET
May 2 (Thursday)	1:00 - 2:30 ET
June 4 (Tuesday)	1:00 - 2:30 ET
July 11 (Thursday)*	1:00 - 2:30 ET (Canceled)
Aug 6 (Tuesday)	1:00 - 2:30 ET
Sept 5 (Thursday)	1:00 - 2:30 ET (Canceled)
Oct 1 (Tuesday)	1:00 - 2:30 ET
Nov 7 (Thursday)	1:00 - 2:30 ET
Dec 3 (Tuesday)	1:00 - 2:30 ET

** Denotes date adjustment due to holiday or other conflict*

Open Discussion



Next Meeting:
November 7, 2019
1:00 PM – 2:30 PM ET